

DOCKET NO.: JJCC-0037/JBP-581US



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Kelly Huang, Neena Tierney and  
Benjamin Wiegand

Serial No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Filing Date: Herewith

Examiner: Not Yet Assigned

For: **METHOD AND KIT FOR MEASURING SKIN INFLAMMATION OR  
IRRITATION**

Express Mail No.: EL 926696937 US

Date of Deposit: March 5, 2002

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

☒ In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first office action after the filing of request for continued examination under §1.114, no additional fee is required.

☐ In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with ☐the first or ☐second After Final Submission,

therefore:

- ☐ Certification in Accordance with §1.97(e) is attached; or
  - ☐ The fee of \$180.00 as set forth in §1.17(p) is attached.
- ☐ In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or before an action that otherwise closes prosecution in the application, therefore:
- ☐ Certification in Accordance with §1.97(e) is attached; or
  - ☐ The fee of \$180.00 as set forth in §1.17(p) is attached.
- ☐ In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); and the submission fee of \$180.00 as set forth in §1.17(p).
- ☒ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- ☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith
- EXCEPT THAT:
- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
  - ☐ In accordance with §1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. §120 have been made in the instant application:
  - ☐ Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and

**DOCKET NO.: JJCC-0037/JBP-581US - 3 -**

**PATENT**

Trademark Office in prior application Serial No. , filed .

☐ If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050.

This form is submitted in duplicate.

There are no listed references which are not in the English language.

Date: March 6, 2002

Wendy A. Choi  
**Wendy A. Choi**  
Registration No. 36,697

**WOODCOCK WASHBURN LLP**  
One Liberty Place - 46th Floor  
Philadelphia, PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439

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<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>JJCC-0037/JBP-581US</b>	Serial No. <b>Not Yet Assigned</b>
		Applicant <b>Kelly Huang, Neena Tierney and Benjamin Wiegand</b>	
		Filing Date <b>Herewith</b>	Group <b>Not Yet Assigned</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	AA	Biesbrock, A. et al., "Relationship of surface epithelium concentrations of IL-1 alpha IL-1 beta to clinical inflammation during experimental gingivitis", <i>Monogr Oral Sci</i> , <b>2000</b> , 17, 20-31	
	AB	Cuderm Corporation, <a href="http://www.cuderm.com/products3.htm">www.cuderm.com/products3.htm</a> , Sebutape Adhesive Patches, 3 pages	
	AC	Cuderm Corporation, <a href="http://www.cuderm.com/products4.htm">www.cuderm.com/products4.htm</a> , Sebutape Skin Indicators, 2 pages	
	AD	Cuderm Corporation, <a href="http://www.cuderm.com/products1.htm">www.cuderm.com/products1.htm</a> , D-Squame Skin Sampling Discs, 2 pages	
	AE	Cardin, C.W. et al., "Development of a noninvasive method for recovery of molecular markers of normal and compromised scalp conditions", <i>Society of Toxicology</i> , <b>40<sup>th</sup> Annual Meeting</b> , San Francisco, Ca, <b>2001</b> , March 25-29, 1 page	
	AF	Farage, M.A. et al., "Further development of a noninvasive method for assessing human skin irritation", <i>Society of Toxicology</i> , <b>37<sup>th</sup> Annual Meeting</b> , Seattle, WA, <b>1998</b> , March 1-5, 1 page	
	AG	Farage, M.A. et al., "Development of a noninvasive method for assessing human skin irritation", <i>Society of Toxicology</i> , <b>36<sup>th</sup> Annual Meeting</b> , Cincinnati, OH, <b>1997</b> , March 9-13, 1 page	
	AH	Muller-Decker, K. et al., "Arachidonic acid metabolism in primary irritant dermatitis produced by patch testing of human skin with surfactants", <i>Toxicology and Applied Pharmacology</i> , <b>1998</b> , 153, 59-67	
	AI	Perkins, M.A. et al., "A noninvasive method to assess skin irritation and compromised skin conditions using simple tape adsorption of molecular markers of inflammation", <i>Skin Research and Technology</i> , <b>2001</b> , 7, 227-237	
	AJ	Perkins, M.A. et al., "Noninvasive Method for Assessing Inflammatory Changes in Chemically Treated Human Skin", <i>Journal of Investigative Dermatology</i> , <b>1999</b> , 112(4), 601, <b>60<sup>th</sup> Annual Meeting of the Society of Investigative Dermatology</b> , Chicago, IL, March 5-9, 1 pages	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	



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		Filing Date <b>Herewith</b>	Group <b>Not Yet Assigned</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	AK	Perkins, M.A. et al., "A clinical skin sampling approach to assess sensory skin irritation", <i>Society of Toxicology</i> , 2000, 2 pages	
	AL	Reilly, D.M. et al., "Eicosanoid and cytokine levels in acute skin irritation in response to tape stripping and capsaicin", <i>Acta Derm Venereol (Stockh)</i> , 1999, 79, 187-190	
	AM	Robinson, M.K. et al., "Application of a 4-h human patch test method for comparative and investigative assessment of skin irritation", <i>Contact Dermatitis</i> , 1998, 38, 194-202	
	AN	Robinson, M.K. et al., "Strategies for the assessment of acute skin irritation potential", <i>J. Pharmacol Toxicol</i> , 1999, 42, 1-9	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	



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**Kelly Huang, Neena Tierney and Benjamin Wiegand**

U.S. Department of Commerce  
Patent and Trademark Office

Filing Date  
**Herewith**

Group  
Not Yet Assigned

## U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	AO	4,368,187	01/11/83	Flom, et al.	424	81
	AP	4,695,456	09/22/87	Wilder	424	94.5
	AQ	5,053,340	10/01/91	Bergman, et al.	436	5
	AR	5,119,828	06/09/92	Miller	128	760
	AS	5,612,222	03/18/97	Gordon, et al.	436	5
	AT	6,020,148	02/01/00	Osborne, et al.	435	26
	AU	6,277,387 B1	08/21/01	De Lacharriere, et al.	424	401
	AV	4,532,937	08/06/85	Miller	128	759

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES NO	
	AW	EP 0 497 399 A1	08/05/92	EPO		
	AX	WO 00/10579	03/02/00	PCT		

EXAMINER

DATE CONSIDERED